

Converting Colors

$Y_{xy}(72.3571, 0.3031, 0.3027)$

Have a look what the booklet for
Yxy(72.3571, 0.3031, 0.3027)
contains.

Yxy(72.3674, 0.3034, 0.3027)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.3674, 0.3034, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	E3D9F2
RGB	227, 217, 242
RGB Percent	89%, 85%, 95%
CMY	0.1096, 0.1491, 0.0509
CMYK	0.06, 0.10, 0.00, 0.05
HSL	264°, 49%, 90%
HSV	264°, 10%, 95%
XYZ	72.5348, 72.3674, 94.1709
YIQ	222.8400, -2.0650, 9.8950

Conversions

Conversions Part 2

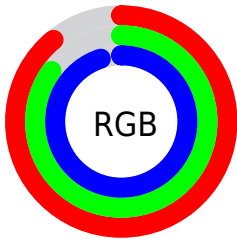
Format	Color
R_{YB}	227, 217, 242
Decimal	14932466
CIE _{Lab}	88.15, 8.02, -10.99
CIE _{LCh}	88, 13.606, 306.106
Yxy	72.3674, 0.3034, 0.3027
Android (android.graphics.Color)	4293122546 (0xFFE3D9F2)
YUV	222.8400, 9.4459, 3.6483
Hunter-Lab	85.0690, 3.3286, -6.0853

Details

The Yxy color $72.3674, 0.3034, 0.3027$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $85.6783, 0.3214, 0.3551$, and the grayscale version is $73.6128, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.1565, 0.3014, 0.2964$ is the 20% darker color. If you saturate the color by 10%, you get $58.5408, 0.2929, 0.2749$, and if you desaturate by 10%, it is $88.2274, 0.3124, 0.3282$.

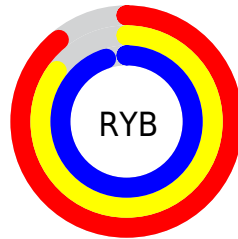
Distribution



Red (89%)

Green (85%)

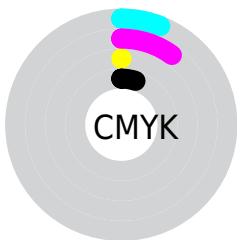
Blue (95%)



Red (89%)

Yellow (85%)

Blue (95%)

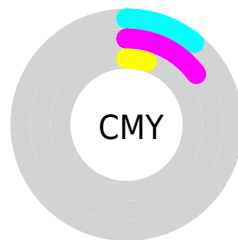


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3674, 0.3034, 0.3027 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 72.3674, 0.3034, 0.3027 by changing the saturation by 10% instead.

72.3674, 0.3034,
0.3027

72.3674, 0.3034,
0.3027

468.8194, 0.3078,
0.3147

53.4589, 0.3024,
0.3000

122.5787, 0.3049,
0.3068

38.1692, 0.3011,
0.2967

154.6503, 0.3055,
0.3084

26.1140, 0.2995,
0.2925

191.8784, 0.3060,
0.3098

16.9090, 0.2974,
0.2872

234.6473, 0.3065,
0.3111

10.1696, 0.2944,
0.2799

283.3414, 0.3069,
0.3121

5.5116, 0.2901,
0.2697

338.3452, 0.3072,

2.5504, 0.2833,

0.3131

0.2542

400.0431, 0.3075,
0.3139

0.9018, 0.2707,
0.2280

0.0000, 0.0010,
0.0000

72.3674, 0.3034,
0.3027

72.3674, 0.3034,
0.3027

58.5408, 0.2929,
0.2749

88.2274, 0.3124,
0.3282

46.6544, 0.2809,
0.2451

99.1925, 0.3203,
0.3415

36.6209, 0.2674,
0.2141

28.3428, 0.2528,
0.1829

■ 21.7137, 0.2374,
0.1531

■ 16.6146, 0.2220,
0.1263

■ 12.9102, 0.2073,
0.1043

■ 10.4398, 0.1941,
0.0883

■ 8.9732, 0.1832,
0.0783

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3674, 0.2896, 0.3018



72.3674, 0.3034, 0.3027



72.3674, 0.3200, 0.3102

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3674, 0.3034, 0.3027



72.3674, 0.3443, 0.3492



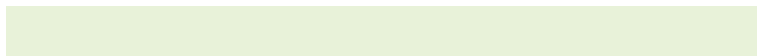
72.3674, 0.2907, 0.3353

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.3674, 0.3034, 0.3027



85.6783, 0.3214, 0.3551

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3674, 0.3049, 0.3490



72.3674, 0.3034, 0.3027



72.3674, 0.3359, 0.3569

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3674, 0.3034, 0.3027



72.3674, 0.3440, 0.3365



72.3674, 0.3214, 0.3570



72.3674, 0.2825, 0.3201

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3674, 0.3034, 0.3027



72.3674, 0.3305, 0.3180



72.3674, 0.3214, 0.3570



72.3674, 0.2949, 0.3403

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.3705, 0.3034, 0.3027



94.3588, 0.3102, 0.3216



78.8811, 0.2967, 0.3184



19.8817, 0.3095, 0.3196



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3705, 0.3034, 0.3027



78.7009, 0.3017, 0.2982



74.4722, 0.3121, 0.3034



15.5390, 0.3042, 0.3050



4.8938, 0.1849, 0.0792



0.4636, 0.1995, 0.0873

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74.3235, 0.3207, 0.3136



81.2390, 0.3221, 0.3111



83.6660, 0.3131, 0.3557



15.9175, 0.3200, 0.3150



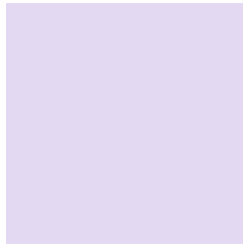
11.2614, 0.4549, 0.2279



0.9565, 0.4324, 0.2156

Previews

White Background



This preview shows how the Yxy color 72.3674, 0.3034, 0.3027 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 72.3674, 0.3034, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

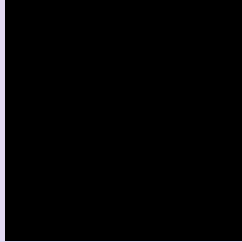
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

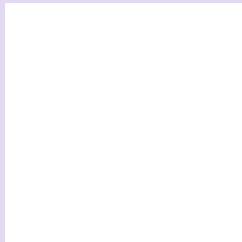
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3674, 0.3034, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 72.3674, 0.3034, 0.3027.

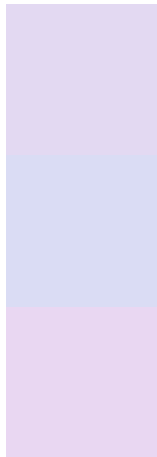


This preview shows how white text looks on a background with the Yxy color 72.3674, 0.3034, 0.3027.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.3674, 0.3034, 0.3027

Protanopia

72.6235, 0.2960, 0.3034

Deuteranopia

72.3353, 0.3076, 0.3010



Tritanopia

72.3097, 0.3072, 0.3110

Trichromacy



Original Color

72.3674, 0.3034, 0.3027

Protanomaly

72.5063, 0.2986, 0.3035

Deuteranomaly

72.5115, 0.3062, 0.3019

Tritanomaly

72.4846, 0.3052, 0.3079

Monochromacy



Original Color

72.3674, 0.3034, 0.3027

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.2734, 0.3089, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3674, 0.3034, 0.3027 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(227, 217, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 217, 242) }
```

Border

The CSS property to change the border of an element to Yxy 72.3674, 0.3034, 0.3027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 217, 242) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 217, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(227, 217, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(227, 217,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3674, 0.3034, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 217, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
217, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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